

WATER SAMPLE LOCATIONS



Glynn Alsup taking water samples at Cove Mesa Spring in Cove Chapter



A vehicle loaded for a day of sampling



Water sampling from a hand pump in the Cove Chapter. Location coordinates were also collected at each sample site using a Global Positioning System (GPS) worn in a backpack.



Shadow Mountain Well #20 in Tuba City Chapter



Glynn Alsup conducting a field filtering sample at the Open Pit Mine in the Cameron Chapter



Windmill at Tank 4T-399 in the Black Mesa Chapter



Tank 8K-402 in the Oljato Chapter

The facing map shows the locations of water samples collected for the Navajo Abandoned Uranium Mines Project. To evaluate risks to human health by ingestion of stable and radioactive metals in water, the sampling program was designed to measure analyte concentrations in water sources used for human consumption. The sampling program consisted of collecting one water sample at each well, tap, spring, or tank identified

as a source for human consumption. If there was a common source for multiple users, such as a community well or tap, only the common source location was sampled. All samples were collected as a point-of-use sample designed to duplicate the most likely method in which a person would obtain water for human consumption.